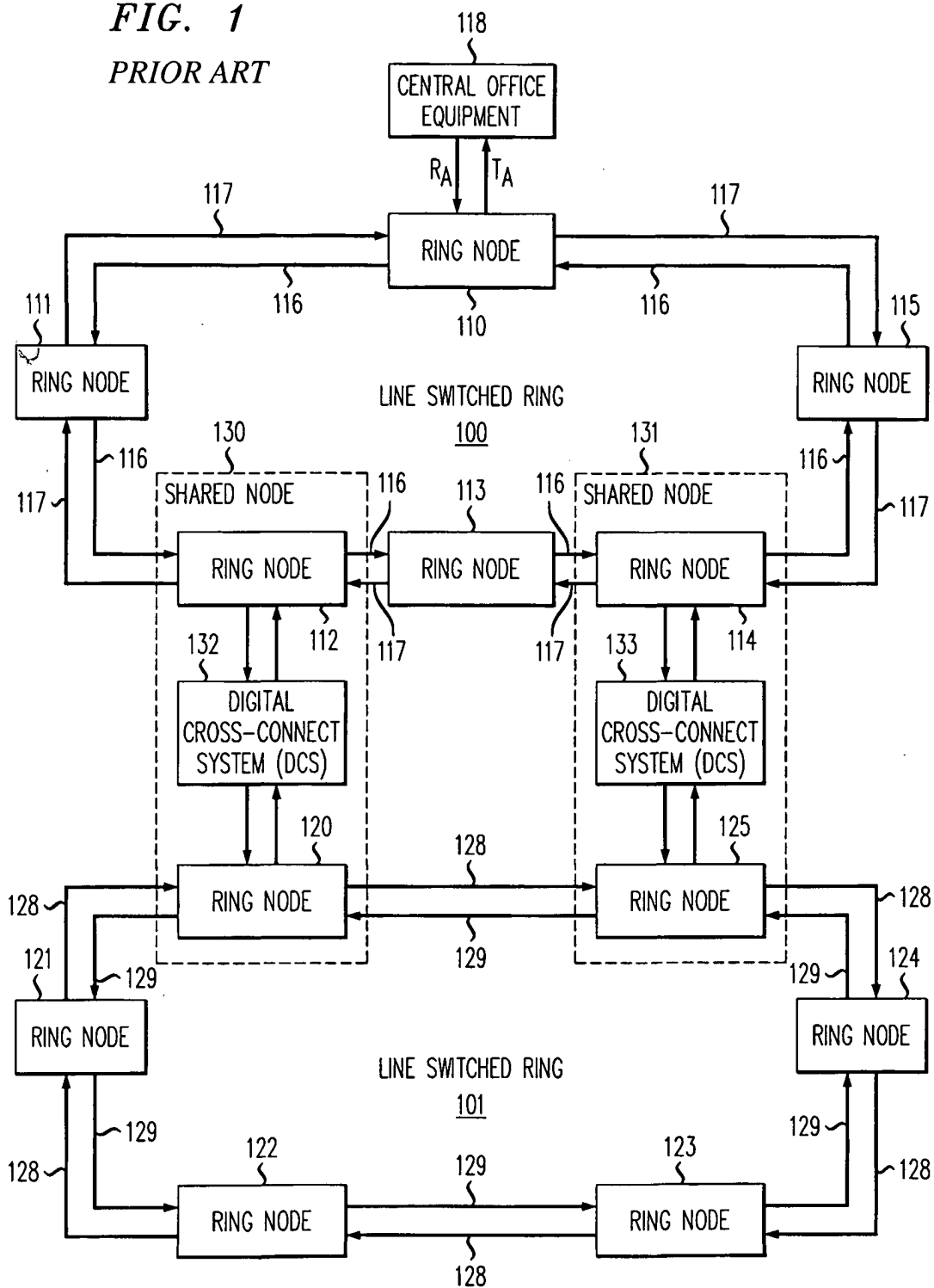


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FIG. 1
PRIOR ART





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FIG. 2

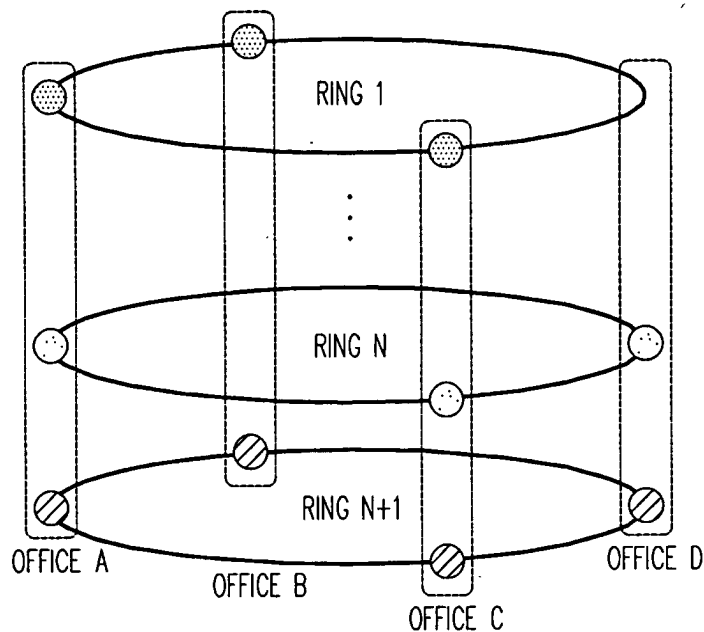
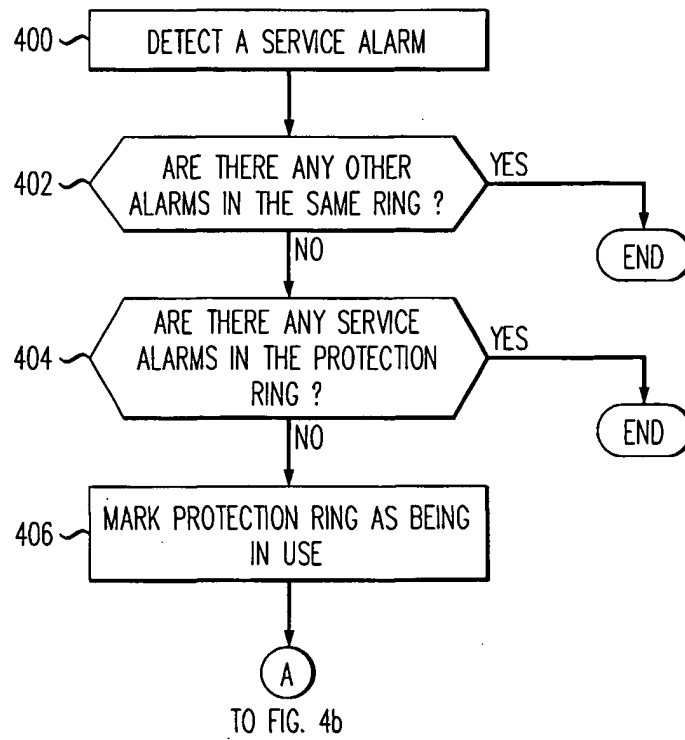


FIG. 3

SERVICE-AFFECTING LINE-LEVEL ALARMS - EQUIPMENT
UNIT FAIL
IMPROPER REMOVAL
LINE LEVEL ALARMS
SERVICE-AFFECTING LINE-LEVEL ALARMS - FACILITY
LINE AIS
B2 SIGNAL DEGRADE
LOF
LOS
OPTICAL OUTPUT FAILURE
RFI
SPAN SWITCH FAIL

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FIG. 4a

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FIG. 4b

FROM FIG. 4a

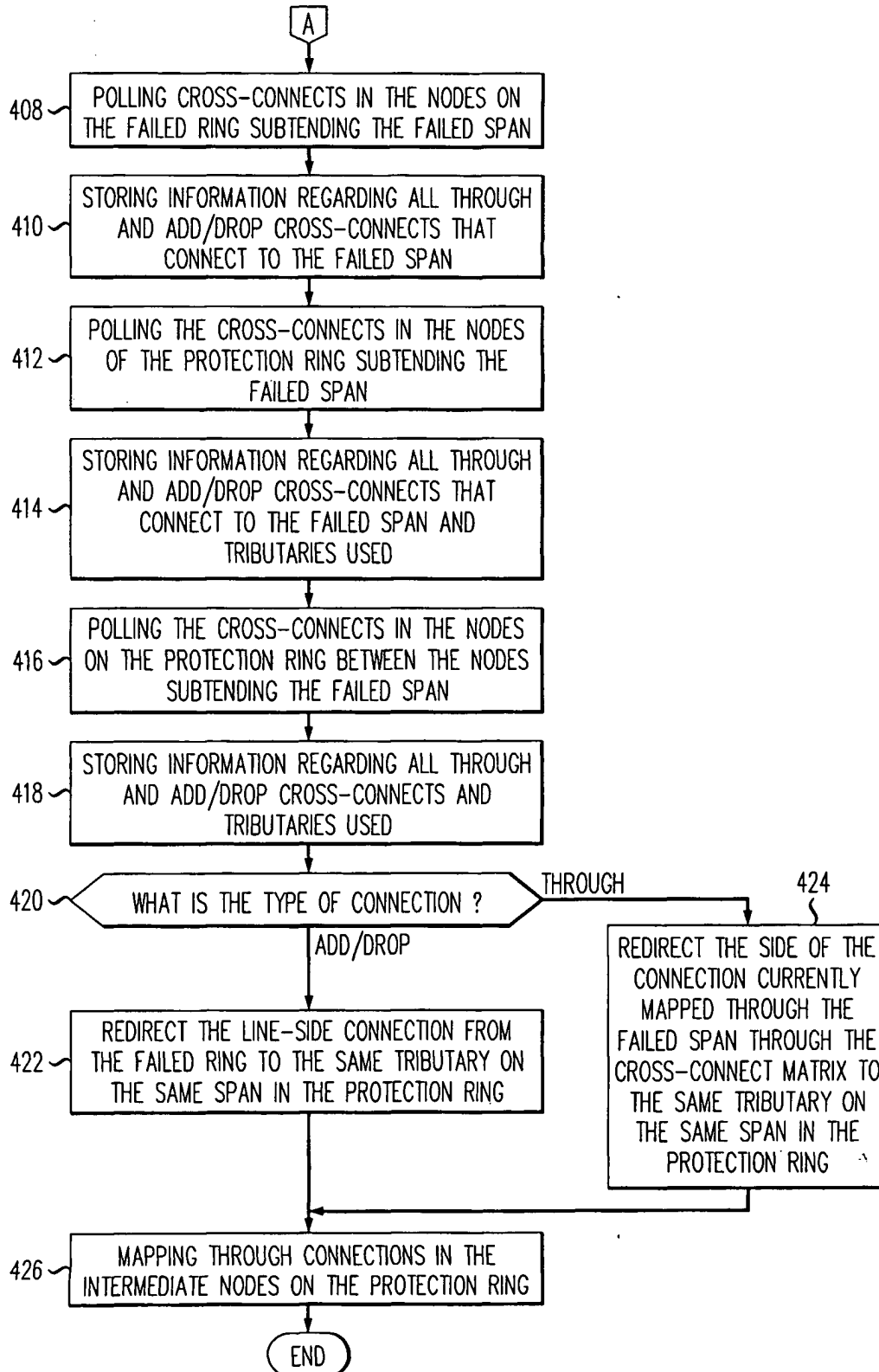
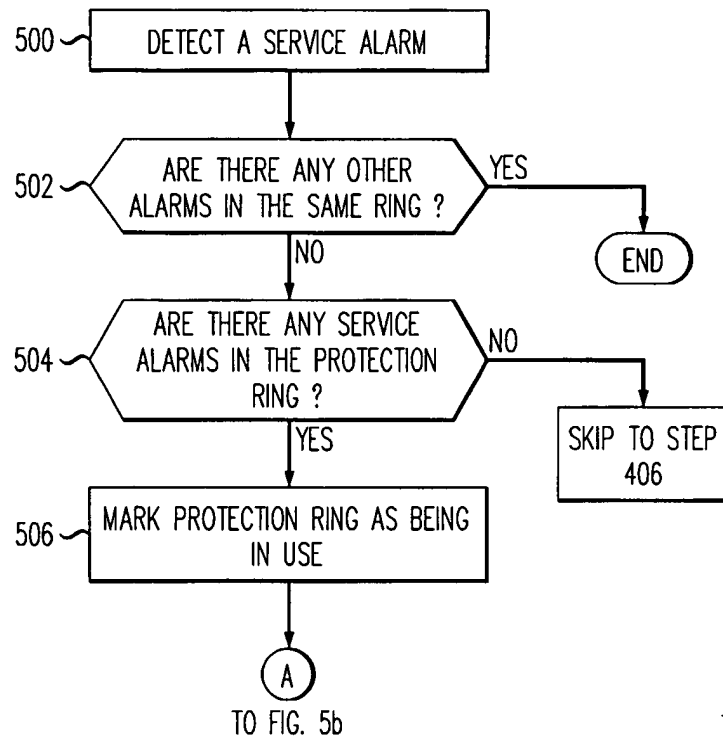




FIG. 5a





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FROM FIG. 5a

FIG. 5b

